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### (54) PERSISTENT ANIMAL GROWTH HORMONE PREPARATION AND ITS PRODUCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To prepare a persistent animal growth hormone preparation showing a reduce initial release of the drug and manifesting persistent and uniform drug efficacy for longer than one week.

SOLUTION: This persistent animal growth hormone preparation comprises solid pellets containing an animal growth hormone and an excipient coated with a film containing a biodegradable polymer and poloxamer and this preparation is economically produced in a large volume by coating solid pellets prepared by direct tableting method after mixing an animal growth hormone and an excipient and containing the animal growth hormone and the excipient with a film comprising a biodegradable polymer and poloxamer.

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**PERSISTENT ANIMAL GROWTH HORMONE PREPARATION AND ITS PRODUCTION**

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**Inventor:** KIM AE-RI; KIM NAM-JOONG; JUNG MIN-HEE  
**Applicant:** LG CHEM LTD  
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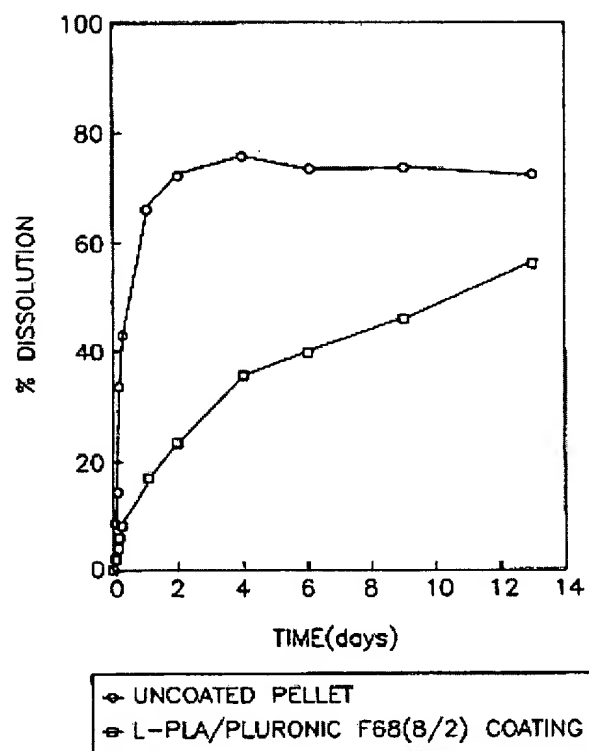
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**Abstract of JP9194348**

**PROBLEM TO BE SOLVED:** To prepare a persistent animal growth hormone preparation showing a reduce initial release of the drug and manifesting persistent and uniform drug efficacy for longer than one week.

**SOLUTION:** This persistent animal growth hormone preparation comprises solid pellets containing an animal growth hormone and an excipient coated with a film containing a biodegradable polymer and poloxamer and this preparation is economically produced in a large volume by coating solid pellets prepared by direct tableting method after mixing an animal growth hormone and an excipient and containing the animal growth hormone and the excipient with a film comprising a biodegradable polymer and poloxamer.



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(33) 優先権主張国	韓国 (K R)		最終頁に続く

(54) 【発明の名称】 持続性動物成長ホルモン製剤およびその製造方法

(57) 【要約】

【課題】 初期薬物放出量が少なく、持続的で均一な薬効を一週間以上示す持続性動物成長ホルモン製剤を提供する。

【解決手段】 本発明は、持続性動物成長ホルモン製剤およびその製造方法に関し、その製剤は動物成長ホルモンと賦形剤を含む固形ベレットが生分解性高分子とポロクサマーとからなるフィルムでコーティングされている持続性動物成長ホルモン製剤および動物成長ホルモンと賦形剤を混合し、直打法によって固形ベレットを製造した後、生分解性高分子とポロクサマーからなる溶液でコーティングして経済的に大量生産することができる製造方法。

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SUSTAINED-RELEASE FORMULATION OF ANIMAL GROWTH HORMONE AND PROCESS FOR  
PREPARATION THEREOF (English)

Patent Assignee: LG CHEMICAL LTD

Author (Inventor): KIM AE-RI; KIM NAM-JOONG; JUNG MIN-HEE

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